Grand Canyon

Look Inside

- 2 PLAN YOUR VISIT
- 3 THINGS TO DO
- 4 PARK RANGER PROGRAMS
- 5 EVENTS, OPPORTUNITIES
- 6 WINTER WANDERS
- 7–9 MAPS, PARKING
- 10 FREE BUSES, WATER
- 11 PARTNERS
- 12–13 HIKING
- 14–15 VISITOR SERVICES, HOURS
- 16 DESERT VIEW, MAP

Questions?

Bring this newspaper to a visitor center listed on page 2.

Plan Your Visit

Welcome to Your National Park



Welcome to wintertime in Grand Canyon!

The winter season brings a slower pace to Grand Canyon National Park. Summer crowds diminish and a relaxed, leisurely atmosphere sets in. Snow blankets the rim and temperatures in the inner canyon cool to pleasant levels. Cold, crisp air blows through serene mornings and early sunsets. Take your time during this quiet season. Soak in the grandeur and enjoy peaceful moments of contemplation amidst the beauty in one of the grandest places on Earth.

Winter at 7,000 feet (2,134 m) also brings its own unique challenges. Roads in the park can be snow-packed and icy. As you explore the park by vehicle, remember to slow down and do everything at a more relaxed pace. Keep in mind that posted speed limits are set for normal driving conditions, not for snow and ice. The upper reaches of popular trails are also likely to be snow-packed and icy, requiring the use of over-the-shoe traction devices and hiking poles for balance and stability. Less-used and un-maintained trails may be completely obscured by deep snow and require route finding in treacherous conditions. Hikers should always check at the Backcountry Information Center for the latest weather and trail conditions.

As employees of the National Park Service, our purpose is not only to care for and protect the park, but to help you explore, understand, learn from, and enjoy it. This is your national park. Stop by a visitor center to ask questions and let the park rangers know how we can improve the quality of your visitor experience and better preserve Grand Canyon for the benefit and enjoyment of your children and theirs.

Thank you!

Dail V. Ubenega Dave Uberuaga, Superintendent

Information

Village Area **Grand Canyon Visitor Center**

9:00 a.m.-5:00 p.m. Plan your visit, see the park film, and learn about Grand Canyon. Books & More (open later) and viewpoints nearby.

Backcountry Information Center 8:00 a.m.-noon; 1:00-5:00 p.m.

Chat with park rangers to obtain backcountry information and permits.

Kolb Studio

8:00 a.m.-6:00 p.m. View exhibits in the restored 1904 Kolb brothers' home and photography studio.

Verkamp's Visitor Center

8:00 a.m.-6:00 p.m. Visit one of the oldest buildings in Grand Canyon Village and discover community history.

Yavapai Geology Museum

8:00 a.m.-6:00 p.m. Find answers to your geology questions with 3D maps and exhibits about the geologic story you see through the windows.

Desert View Area

Tusayan Museum and Ruin

9:00 a.m.-5:00 p.m. Look into the past and present day lives of thriving Native American communities. Located 3 miles (4.8 km) west of Desert View.

Desert View Visitor Center

9:00 a.m.-5:00 p.m. Explore how Grand Canyon inspired artists, writers, musicians, and conservationists.

A National Park Service passport cancellation stamp is available at these facilities, except for the Backcountry Information Center. The stamp is also available at Indian Garden, Phantom Ranch, and North Rim Visitor Center (summer only).

Getting Around



It is possible to drive your vehicle anywhere on paved park roads except for the road to South Kaibab Trailhead and Yaki Point.

This section of road is indicated by a dashed line on the map on page 9.

To explore in your personal vehicle, consider driving Desert View Drive (64 East). This 25-mile (40 km) road offers access to scenic vistas, Tusayan Museum and Ruin, and Desert View Watchtower. See page 16 for information.

From December 1 to February 29, you can also explore Hermit Road in your personal vehicle. This seven-mile road provides access to nine scenic viewpoints and numerous un-named overlooks. From March 1 to November 30, this road is closed to private vehicles and accessed only by shuttle bus. See page 7 for map.

Note: These scenic drives may temporarily close during inclement weather. Please use caution while exploring Grand Canyon in winter.



By Foot

Get out and stretch your legs. Whether it is going for a short walk along the Rim Trail or

undertaking a more difficult venture below the rim, using your own two feet is a great way to see the canyon. Information about inner canyon trails, the Rim Trail, and hiking safety is available on pages 12-13 of this guide.



Shuttle Bus

Leave your vehicle behind and ride the free shuttle bus. See pages 8–10 for information.



Bicycle

Explore the canyon on a bike. Pathways marked on this guide's maps in green are

accessible by bike. Be sure to follow all safety procedures and prepare for weather changes. Areas of the Rim Trail where bicycles are allowed are limited, so consult a park ranger when planning your ride.

Things to Do

What to Do and Where to Go

What Can I Do Here?

Get Oriented

- Grand Canyon—A Journey of Wonder: See the park film at Grand Canyon Visitor Center. Movie repeats on the hour and half-hour from 9:30 a.m. to 4:30 p.m.

Explore Geology

- *Trail of Time*: Stroll the 1.3-mile (2.1 km) trail along the rim with samples of rock from all the canyon layers and information on how the canyon formed.
- *Yavapai Geology Museum*: Learn about the geologic history of the canyon and enjoy widespread views.
- *Geology Talk and Geo-Glimpse*: Hear the dynamic story of how Grand Canyon formed. See page 4 for park ranger programs.

Uncover History

- *Verkamp's Visitor Center*: Explore more than 100 years of community life at Grand Canyon.
- *Tusayan Museum and Ruin*: Gain a glimpse into the lives of people who lived here hundreds of years ago. Explore on your own or see page 4 for park ranger programs.
- *Historic Village*: Walk through the village historic district and explore the rustic buildings of Grand Canyon's pioneer days.
- *Kolb Studio Tour*: Learn about the Kolb brothers and their photographic ventures in the canyon. See page 4.

Discover Wildlife

- *Nature Walk*: Discover Grand Canyon's amazing biological diversity. See page 4 for park ranger programs.
- *Plant and Animal Brochure*: Pick up a copy of the Life Along the Rim brochure and look for wildlife along the canyon's rim.

Enjoy the View

- *Hermit Road*: Drive the 7-mile (11 km) Hermit Road. Stop at nine scenic viewpoints and numerous un-named overlooks. See page 7.
- *Desert View Drive*: Explore along 25 miles (40 km) with views of the Colorado River and Grand Canyon Supergroup. Climb to the top floor of Desert View Watchtower for a 360-degree view. See page 16.
- *Kaibab/Rim Route Shuttle Bus* (*Orange Route*): Ride this 50-minute round-trip shuttle bus route to enjoy five scenic viewpoints. See pages 8–10 for information.
- *Colorado River*: See portions of the Colorado River from viewpoints along Hermit Road, Desert View Drive, and from Yavapai and Mather points.

Explore on Foot

- *Rim Trail Hiking*: Walk along this trail to explore views along 13 miles (21 km). Distances and times vary. Refer to pages 7-9 and 12 for information.
- *Inner Canyon Day Hiking*: Venture part way into the canyon by way of Bright Angel, South Kaibab, and Hermit trails. See pages 12–13 to plan your hike.
- *Overnight Hiking*: The canyon can be a dangerous place to hike. With the right information and preparation you can explore deeper into the canyon and stay overnight at Phantom Ranch or in one of the campgrounds. Stop by the Backcountry Information Center for information and required permits. See pages 12–13.



Sunrise or Sunset

There is no one best place for watching sunrise or sunset, just good places and better places. Look for a viewpoint that juts into the canyon with views both east and west.

- While Hopi Point is unquestionably a desirable viewpoint for sunset, it attracts crowds of people and buses. Nearby Mohave Point offers a quieter alternative.
- Yaki and Yavapai points are accessible by shuttle, offer spectacular views of the canyon, and are less congested. Yavapai Point is also accessible by private vehicle.
- Lipan, Navajo, and Desert View points offer incredible views of the canyon with extensive stretches of the river below.

Date	Sunrise	Sunset
December 5	7:24 a.m.	5:14 p.m.
December 12	7:30 a.m.	5:15 p.m.
December 19	7:34 a.m.	5:17 p.m.
December 26	7:38 a.m.	5:21 p.m.
January 2	7:39 a.m.	5:26 p.m.
January 9	7:40 a.m.	5:32 p.m.
January16	7:38 a.m.	5:38 p.m.
January 23	7:35 a.m.	5:46 p.m.
January 30	7:31 a.m.	5:53 p.m.
February 6	7:25 a.m.	6:00 p.m.
February13	7:18 a.m.	6:07 p.m.
February 20	7:11 a.m.	6:14 p.m.
February 27	7:02 a.m.	6:21 p.m.

Full Moon

Date	Moon Rise
December 10	5:33 p.m.
January 9	6:20 p.m.
February 7	6:14 p.m.

Park Ranger Programs

Discover Grand Canyon With Park Rangers and Volunteers Who Know it Inside and Out

Village and Mather Point Area	LOCATION	TIME	DURATION	FREQUENCY
Nature Walk				
Did you know Grand Canyon is one of the most biologically diverse parks in the United States? Join a park ranger for a leisurely walk to discover some of what makes this park so unique. Topics vary daily and focus primarily on plants and/or animals. Parking available in lots 1 through 4 or arrive by riding the free Village Route shuttle bus to the Grand Canyon Visitor Center stop.	Grand Canyon Visitor Center	10:00 a.m.	45 minutes	Daily
Geology Talk				
Why is Grand Canyon so deep, wide, and grand? Why does it exist only here in the world? Grand Canyon is one of the greatest geologic features on Earth. Join a park ranger to discover an amazing geologic story. Arrive by riding the free Kaibab/Rim Route shuttle bus to the Yavapai Geology Museum stop or park in the nearby parking area. Consider walking along the Trail of Time following the program.	Yavapai Geology Museum	10:00 a.m.	45 minutes	Daily
History Talk 🔥				
For thousands of years people have made Grand Canyon their home. Join a park ranger to discover stories of humankind's enduring relationship with the canyon. Ride the free Village Route shuttle bus to the Train Depot stop. Parking in the nearby lot may be limited.	Verkamp's Visitor Center	1:30 p.m.	30 minutes	Daily
Geo-Glimpse 🔥				
Wondering how Grand Canyon came to be? Enjoy this short introductory talk and learn about the geology of Grand Canyon while you explore the Yavapai Geology Museum. Arrive by riding the free Kaibab/Rim Route shuttle bus to the Yavapai Geology Museum stop or park in the nearby parking area. Consider walking along the Trail of Time following the program.	Yavapai Geology Museum	2:00 p.m. & 3:00 p.m.	15–20 minutes	Daily
Kolb Studio Tour				
Kolb Studio, built in 1904, spills five levels down the canyon wall. The Kolb brothers played an integral role in the early years of development at Grand Canyon. From the studio they photographed countless visitors as they began their mule trips into the canyon. Join a park ranger for a closer look at Kolb Studio and the fascinating time in which the Kolb family lived. Limited to 12 participants. Register at Kolb Studio for the tour prior to that day's program or by calling (928) 638-2771.	Kolb Studio	2:30 p.m.	60 minutes	Daily
Ranger's Choice				
Discover the world of Grand Canyon during this in-depth talk. Daily program topics vary and may focus on native plants, animals, pioneer history, Colorado River, Native American culture, geology, and more. Ride the free Village Route shuttle bus to the Train Depot stop. Parking in the nearby lot may be limited.	Verkamp's Visitor Center	4:00 p.m.	30 minutes	Daily

Desert View Area

A Journey Through Time



Have you ever wondered what life was like at Grand Canyon 800 years ago? How did people find food, water, and shelter? Join a park ranger to explore the remains of an ancestral Puebloan village. Envision a thriving community in this harsh and demanding environment. Program includes a walk along a 0.1-mile (0.2 km) flat, paved trail.

Tusayan Museum 3 miles (4.8 km) west of Desert View 11:00 a.m. & 1:30 p.m. 30–45 Daily minutes





Please Note: Children must be accompanied by an adult at all programs.

Program reservations are not required.

Events and Opportunities

Check at National Park Service visitor centers for more information about these and other special events and opportunities.



Become a Junior Ranger!

Grand Canyon National Park offers a Junior Ranger program for children ages four and older.

To take part in the FREE program, pick up a Junior Ranger booklet at any National Park Service visitor center. Complete four activities listed for the appropriate age level and attend a park ranger program—see page 4 for schedule.

Bring your completed booklet back to any National Park Service visitor center to receive an official Junior Ranger certificate and badge.

Junior Ranger programs are also available at Phantom Ranch, North Rim (summer only), and over 250 national parks, seashores, and monuments nationwide. This program is generously supported by the Grand Canyon Association.

Get Involved!

Want to make a difference during your stay? Volunteer at Grand Canyon!

Do you like plants and getting your hands dirty? Work with the National Park Service's Vegetation Program to restore native plant communities and protect the ecological integrity of Grand Canyon National Park. Drop in for a few hours or stav for the season. Contact the Vegetation Program Volunteer Coordinator at (928) 638-7753 for information about potential accommodations and upcoming opportunities.



For a current list of volunteer opportunities throughout the park, visit www.volunteer.gov or contact Todd Nelson at (928) 638-7307.

Artist-in-Residence December 2011 to February 2012

Grand Canyon hosts two Artist-in-Residence programs—a seasonal program on the North Rim and a year-round program on the South Rim. Ask in National Park Service visitor centers about times and locations for free, special programs. Visit www.nps.gov/grca/ supportyourpark/air.htm for information.

Meet the artist! On the second Tuesday every month, artists will present a demonstration, talk, rim walk, or familyfriendly workshop. Gather in front of the Verkamp's Visitor Center fireplace at 12:30 p.m. for this free 45-minute program.



@GEORGINA ORME

December

Lares Feliciano, film maker; Decatur, Georgia

January

Michele Lauriat, mixed media painter; Wakefield, Massachusetts

February

Georgina Orme, jeweler; Bath, United Kingdom

The Amazing Kolb **Brothers: A Grand Life at Grand Canyon**

December 19, 2011 to September 4, 2012

Open Daily 8:00 a.m. to 6:00 p.m.

Kolb Studio exhibits inspire a sense of wonder for visitors from around the world. In the coming months, Kolb Studio will showcase the legacy of Emery and Ellsworth Kolb for the first time. This exhibit coincides with the 100th anniversary of their famous river trip and with Arizona's statehood centennial.

Come see Grand Canyon through the eyes of the Kolb brothers. Be amazed and inspired by their stories, learn about their adventures on the Colorado River, and view the movie that still remains a true box office hit—showing for more than 60 years in the Kolb Studio gallery.

This exhibit is presented by the Grand Canyon Association, Cline Library and Grand Canyon National Park. Additional funding is provided by Pink Jeep Tours, Las Vegas and Sedona.





Winter Wanders

Snowy Explorations for the Cold-Weather Enthusiast

Powdery Paths 2 3

Discovering snow-covered trails on cross-country skis or snowshoes provides wonderful, solitary views. As you explore these winter paths keep in mind your personal abilities, travel time, and changing weather conditions. Remember to dress in warm layers and bring food and water.



Powell Point to Monument Creek Vista

Attraction: An unpaved trail weaves between canyon vistas and forest scenes.

Access: Drive along Hermit Road and park at Powell Point. Inclement weather may temporarily close Hermit Road.

Distance: 3.1 miles (5 km) one way.

Note: For a longer adventure, consider trekking another 2.8 miles (4.5 km) one way from Monument Creek Vista to Hermits Rest where a roaring fire invites weary travelers to relax and enjoy a warm treat. Trail may or may not be plowed.

Access Path to Arizona Trail

Attraction: This beautiful trail is sure to be a quiet exploration into the forest.

Access: From Grand Canyon Village, drive 10.7 miles (17 km) east along Desert View Drive. From Desert View, travel 14 miles (23 km) west along Desert View Drive. From either direction look for the gravel parking area to the south of the road, located between Grandview Point and Buggeln Picnic Area.

Distance: 1.3 miles (2.1 km) one way.

Other Adventures

Weather, like canyon views, can change instantly. Winter storms may move in and out of the area suddenly leaving behind new snow. These unique conditions can make winter adventures possible along some areas of the more popular, paved Rim Trail.

All cross-country skiing and snowshoeing options are dependent on snow levels.

Winter Wildlife

Cold weather and winter snow place demands on wildlife. During this time of year food becomes more scarce as the need for body warmth increases. Many animals reduce their activity to conserve energy. Some, like rock squirrels, hibernate, but emerge weekly to find food.

Deer and elk are regularly seen on the South Rim. If you approach them, they may flee wasting precious energy. It is dangerous and illegal to feed wildlife in a national park. Always observe and photograph wildlife from a safe distance without disturbing them.

While you are out exploring the park, keep watch for animal tracks in the snow. Can you spot the two, parallel, tear-drop shaped tracks of deer or elk? What about the paw prints from a coyote, bobcat, or mountain lion? Be sure to look for the stick-like tracks left by a diversity of bird species too. Even in the height of winter, you can find evidence that wildlife depend on the habitats protected at Grand Canyon National Park.





North Rim Solitude

Deep snow brings peace and a unique kind of beauty to Grand Canyon's North Rim during winter. Getting there requires a 170-mile (274 km), four-hour drive from the South Rim to Jacob Lake, which is 30 miles (48 km) north of the park entrance. The road from Jacob Lake to the North Rim is closed to vehicle traffic in winter. Snowmobiles are not allowed inside Grand Canyon National Park, though they can be used to travel between Jacob Lake and the park entrance.

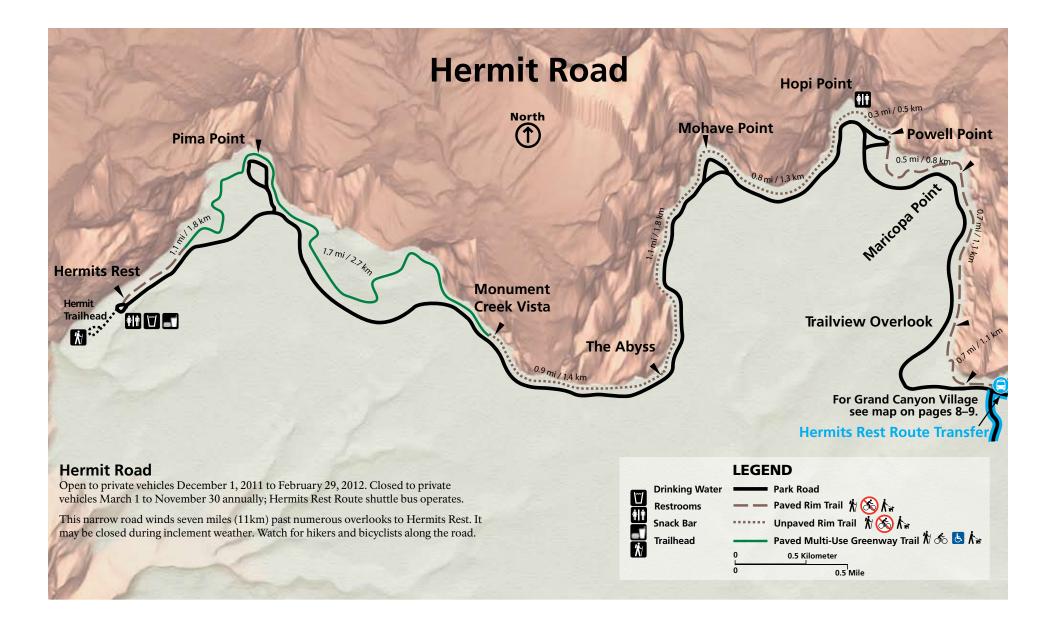
From the park boundary, only skis or snowshoes are permitted to cross the 14 miles (23 km) to the canyon's rim. Hikers and cross-country skiers are permitted to use the park's group campsites throughout the winter months.

In addition, the North Rim yurt can accommodate six people and is outfitted with a table, chairs, and wood burning stove. You must obtain a permit through the park's Backcountry Information Center to camp or stay in the yurt during winter.

Grand Canyon's North Rim offers one of the most remote locations in the lower 48 states during winter. Talk to park rangers in the Backcountry Information Center before your trip, be prepared to be selfsufficient, and plan for emergencies and the unexpected.

North Rim facilities re-open from mid-May to mid-October and include lodging, camping, food, gifts, and park ranger programs. To learn more, pick up a copy of *The Guide* (North Rim), available in National Park Service visitor centers.





Parking

Parking lot locations are indicated on the center page map in this publication and are near shuttle bus stops. Avoid parking along the roadside except where signs or lines on the road indicate that it is permissible.

Parking lots 1–4 are located at Grand Canyon Visitor Center. Lot 1 includes auto, RV, and trailer parking. During heavy snow only one or two lots may be plowed.

The following parking lots in Grand Canyon Village often have empty spaces:

- A Large lot near Park Headquarters.
- B Large lot near the businesses in Market Plaza.
- Small lot near the intersection of Center and Village Loop roads.
- Large lot near the Backcountry Information Center. The north end features auto parking and the south end features RV and trailer parking.

Stay Safe!

Keep Wildlife Wild

- Never approach any animal.
- Stay at least 300 yards (274 m) away from larger animals.
- Do not feed the squirrels and stay away from them; they can bite.

Use Caution Near the Edge

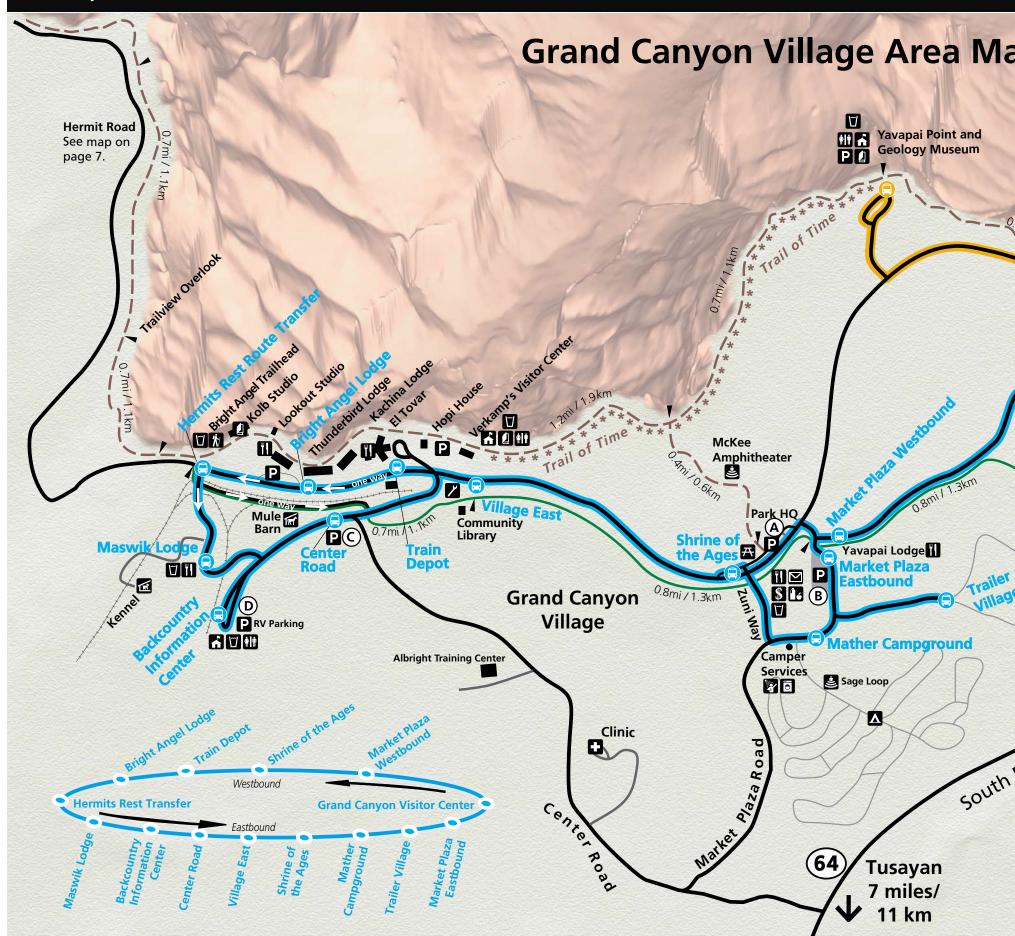
- Stay at least 6 feet (2 m) from the edge and hold on to children.
- Never throw anything over the edge. Hikers and bighorn sheep may be just below and can be seriously injured.

Consider Weather and Elevation

- Winter weather varies greatly and can change suddenly as storms move into the area. Wear layered clothing and be prepared for changing conditions.
- Direct sun can cause dehydration and sunburn. Drink water and use sunscreen.
- At 7,000 feet (2,135 m) elevation you may feel short of breath, nauseous, or tire easily.
 Drink water and take it easy.

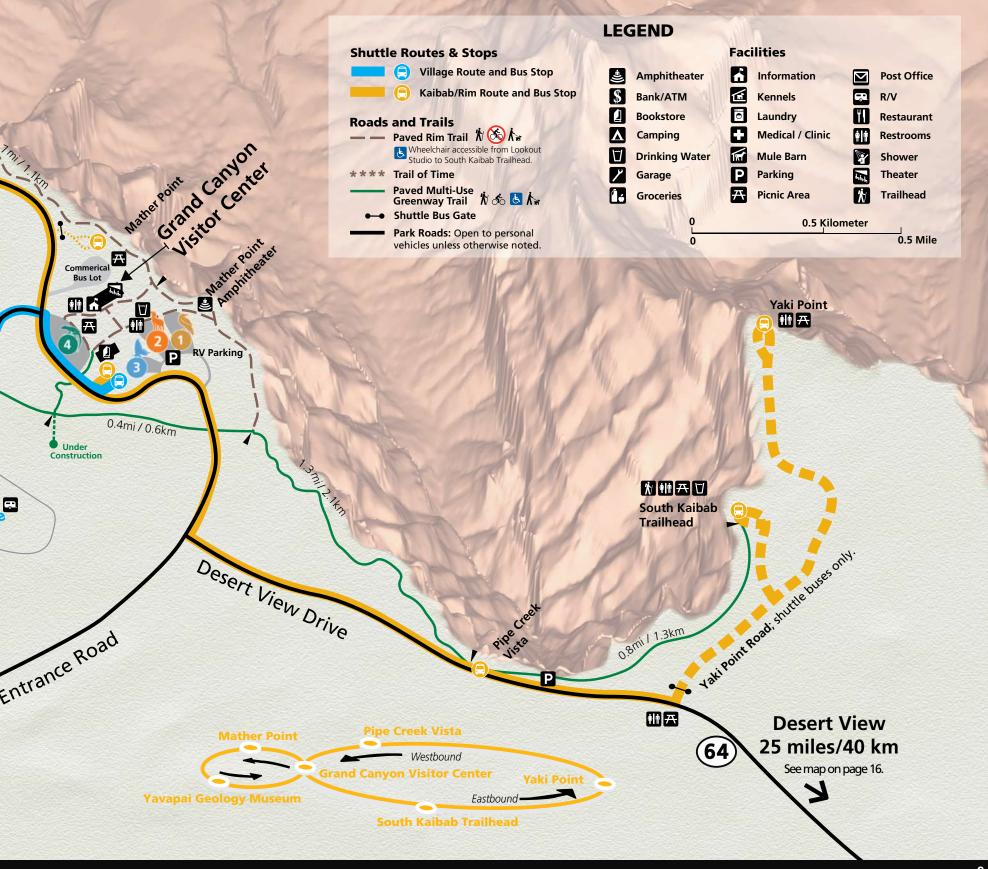
Drive Safely

• Snow and ice present special driving conditions and can temporarily close park roads. Check at National Park Service visitor centers or call (928) 638-7888.



p and Shuttle Bus Information





Your Part in Preservation

Simple Steps You Can Take to Protect Grand Canyon

Ride the Free Shuttle Buses

Free shuttle buses provide an easy and convenient transportation option for visitors to Grand Canyon's South Rim. They also reduce air pollution and take nearly a half-million vehicles off park roads each year. Clean-burning compressed natural gas buses offer you a hassle-free way to access trailheads, viewpoints, and visitor services. So park your car, hop on the bus, and do your part to protect Grand Canyon!

Kaibab/Rim Route (Orange)

Free shuttle buses provide transportation between Grand Canyon Visitor Center and various viewpoints along the rim. This is the only access to Yaki Point and South Kaibab Trailhead. See the map on pages 8–9 for the route and stops.

Round trip:

50 minutes without getting off the bus.

Buses run every:

30 minutes 6:00 a.m.–6:30 a.m. 15 minutes 6:30 a.m. to one hour after sunset.

Hiker's Express

A morning bus with service to South Kaibab Trailhead. Bus departs from Bright Angel Lodge bus stop on the hour; second stop at Backcountry Information Center; third stop at Grand Canyon Visitor Center; last stop at South Kaibab Trailhead.

December, January, and February: 8:00 a.m. and 9:00 a.m.

Hermits Rest Route (Red) 🖨

No shuttle bus service on Hermit Road December 1, 2011 to February 29, 2012. Road is open to private vehicles, weather permitting.



Village Route (Blue)

Free shuttle buses provide transportation between Grand Canyon Visitor Center, hotels, restaurants, campgrounds, parking lots, and facilities in Grand Canyon Village. This is not a scenic route, but rim views are a short walk from many stops. See the map on pages 8–9 for the route and stops.

Round trip:

50 minutes without getting off the bus.

Buses run every:

30 minutes 6:00 a.m.-8:00 a.m. 15 minutes 8:00 a.m.-6:00 p.m. 30 minutes 6:00 p.m.-9:00 p.m.

Accessibility

Shuttle buses are equipped with ramps and space to carry passengers in wheelchairs. Please note: wheelchairs larger than 30 inches wide by 48 inches long (76 by 122 cm) cannot be accommodated on shuttle buses. Most motorized scooters will not fit on buses.

The Scenic Drive Accessibility Permit allows entry for visitors with mobility issues to some areas closed to public traffic. The permit is available at entrance gates, National Park Service visitor centers, and hotel lobbies.

Reduce, Reuse, REFILL!

Did you know that Grand Canyon National Park is a World Heritage Site? In an effort to reduce litter in this world-class landscape, plastics in the park's waste stream, and greenhouse gas emissions (GHGs), the National Park Service and its partners, including the Grand Canyon Association, Delaware North Companies, and Xanterra South Rim, have developed a reusable water bottle program.

We have filling stations! Filling stations that provide fresh Grand Canyon spring water are now available throughout the park:

- Hermits Rest
- Bright Angel Trailhead
- South Kaibab Trailhead
- Canyon Village MarketDesert View Market
- Verkamp's Visitor Center
- Grand Canyon Visitor Center
- Yavapai Geology MuseumDesert View Visitor Center
- · Maswik Lodge

Fill 'er up! What can you do to help? Bring or buy a reusable water bottle and fill it up for free. You can purchase reusable, souvenir water bottles at all park retailers.

Why refill? When you refill your bottle you:

- Enjoy fresh Grand Canyon spring water.
- Reduce litter within the park, plastics in the waste stream, and GHGs.
- Save money—Grand Canyon spring water is FREE!
- Help save our environment!



Park Partners

Preserving and Protecting Grand Canyon

Sustainable Grand Canyon—A Team Effort

The National Park Service (NPS) and park concessioners at Grand Canyon National Park invite you to join them in their commitment to environmental sustainability. Working together, we are minimizing our impact on the park's natural resources and improving your experience.



Grand Canyon National Park is managed to preserve and protect its natural and cultural resources and ecological processes, as well as its scenic, aesthetic, and scientific values, and to provide opportunities for visitors to experience and understand the environmental interrelationships, resources, and values of Grand Canyon without impairing the resources.

- Implemented new bike rentals, bike paths, and employee bike share program.
- Operated clean-burning compressed natural gas (CNG) shuttle buses. In 2010, over 1.3 million riders took 445,000 vehicles off park roads!
- Utilized alternative fuel vehicles and recycled vehicle fluids, tires, and batteries.
- Installed photovoltaic, passive solar, and wind renewable energy sources.
- Encouraged use of reusable water bottles by installing water bottle filling stations.
- Met LEED standards (Leadership in Energy & Environmental Design) in all new construction.
- Joined in Climate Friendly Parks program to reduce carbon emissions 30% below 2008 levels.



Xanterra Parks & Resorts® provides South Rim lodging, dining, transportation services, shops, and operates the Grand Canyon Railway. Award-OUTH RIM, L.L.C. winning sustainability efforts include:

- · Won the NPS Environmental Achievement Award for numerous sustainability initiatives and progress toward federal environmental targets.
- Implemented a LEED Gold renovation at Bright Angel Lodge, with waterless urinals, dual flush toilets, ultra low-flow faucets, super efficient hand dryers, occupancy sensors, and a renewable energy system for sensor faucets. Installed efficient HVAC system and new skylights in gift shop.
- Replaced diesel buses with nine efficient CNG full-sized tour buses.
- Purchased 23.81% of food and beverages locally or sustainably produced.
- Powered the Grand Canyon Railway steam locomotive with 100% waste vegetable oil, collected from South Rim restaurants.
- Replaced individual 1oz bottles with bulk bathroom amenities in most guest rooms.
- Tracked number of disposable bottles eliminated by water filling station in Maswik Lodge Cafeteria.

Delaware North Companies (DNC) provides markets at the South Rim and Desert View and is a key partner in environmental stewardship at Grand Canyon.



- Won the NPS Environmental Achievement Award (2010) for a green interior remodeling of Canyon Village Market at Market Plaza.
- Installed water bottle filling stations in Desert View and Canyon Village markets.
- Used an Environmental Management System, GreenPath®, to guide environmental operations. DNC is an international ISO 14001 standard certified organization.
- Offered organic groceries, earth-friendly cleaning supplies, and gifts made from organic material and recycled content. The Deli disposable cups, utensils, and containers are 85% compostable.

Forever Resorts operates Grand Canyon Lodge, shops, and restaurants on the North Rim. Their award-winning Forever Earth ™ Environmental Management System is certified to ISO 14001:2004 and provides sustainable operations guidance.



- Increased solid waste diversion rate to nearly 100% through an extensive recycling program. Sent only a small amount of waste to a landfill and used only one dumpster.
- Used an organic composter to digest restaurant food waste into an organic, odor-free liquid that safely travels through the waste system. Composted more than 19,000 pounds last year, reducing 15,827 pounds of greenhouse gas.
- Recycled plastic and glass containers with a reverse vending machine that rewards the environmentalist with a General Store coupon credit.
- Practiced green purchasing throughout operations, including retail and gift items, cleaning and maintenance supplies, food, and beverages. Purchased organic, locally, regionally, and repurposed items whenever available to support the local economy.

You, Our Visitors

Here's what you can do to reduce your impact at Grand Canyon National Park:

- Ride the shuttle buses, ride a bike, walk, or hike.
- Use recycling bins throughout the park.
- Fill your reusable water bottle at water filling stations.



CANYON

P.O. Box 399 Grand Canyon, AZ 86023 (800) 858-2808 www.grandcanyon.org

The Grand Canyon Association is the official nonprofit partner to Grand Canyon National Park.

Be a Part of Something Grand

You can make a difference at Grand Canyon National Park!

With your help, the Grand Canyon Association (GCA) supports an impressive variety of projects and programs that help ensure that all visitors are able to enjoy the awe-inspiring wonder of Grand Canyon.

GCA cooperates with the National Park Service to fund new exhibits, scientific research, trail restoration, wildlife monitoring, ecological restoration, support for the arts, and historic building preservation.

On the South Rim, GCA operates bookstores in Desert View Visitor Center, Tusayan Museum, Yavapai Geology Museum, Verkamp's Visitor Center, Kolb Studio, and their main store, Books and More, across from Grand Canyon Visitor Center. Purchases of educational and enjoyable gifts benefit Grand Canyon National Park.

Want to do something grand? Grand Canyon Field Institute offers 100+ classes annually that vary from a few hours of personal interpretation to multi-day guided trips into the canyon.

Teachers can benefit from GCA's outreach program, including educational Travelin' Trunks and DVDs for loan.

How Can I get involved?

Join the Grand Canyon Association today. Members receive exclusive benefits and discounts. For more information visit a GCA bookstore, call toll-free (800) 858-2808, or visit www.grandcanyon.org.

Hiking Trails

Spectacular Vistas, Challenges, and Quiet Corners

Explore the Rim Trail

The Rim Trail provides a diverse experience along 13 miles (21 km) of the canyon. From a short 30-minute sunrise walk to a full afternoon hike, choose your adventure. Consult the maps on pages 7–9 for locations. Use caution when hiking icy or snowy trails which may or may not be plowed. Distances and times below are one way.

Easy, Popular Hikes

Wide, paved trail; accessible by strollers and wheelchairs with assistance

Trail of Time

Verkamp's Visitor Center to Yavapai Geology Museum Learn how Grand Canyon formed 1.3 miles (2.1 km), 1–2 hours

Village Historic District

Verkamp's Visitor Center to Kolb Studio Explore local history 0.6 miles (1 km), 20–30 minutes

Yavapai Point to Mather Point

Views of Colorado River and Phantom Ranch 0.7 miles (1.1 km), 30-45 minutes

Easy, Less Traveled Hikes

Little elevation gain

South Kaibab Trailhead to Mather Pt.

Great views of an inner canyon trail 2.1 miles (3.4 km), 1.5 to 2 hours

Monument Creek Vista to Hermits Rest

Accessible by bicycle 2.8 miles (4.5 km), 2-2.5 hours

Hopi Point to Powell Point

Dynamic views of the canyon; unpaved 0.3 miles (0.5 km), 30–45 minutes

Moderate Hikes

Elevation gain and/or rough, narrow trail

Mohave Point to Monument Creek Vista

Unpaved rough trail with great views 2.0 miles (3.2 km), 1.5 to 2 hours

Hermits Rest Route Transfer to Trailview Overlook

Paved, steep grade, overlooks Grand Canyon Village and Bright Angel Trail 0.7 miles (1.1 km), 20–30 minutes





Want to Descend into the Canyon? Hike Smart!

Consider the topics below as you plan your hiking trip into Grand Canyon.

Be Prepared for Winter Weather

Winter conditions present special challenges when hiking Grand Canyon. On the South Rim, snow storms, blustery winds, and freezing temperatures occur throughout the season. Inside the canyon at Phantom Ranch, rain can make your visit miserable if you are not prepared. Snow and ice can make hiking treacherous. Know the weather forecast and dress appropriately for rapidly changing conditions.

5 Strategies for an Enjoyable Hike

- 1. Always check on weather and trail conditions before starting your hike. Talk with park rangers in the Backcountry Information Center or National Park Service visitor centers.
- 2. Hiking poles help with balance on icy trails.
- 3. Double your calories, double your fun. Consume salty snacks and water on any hike lasting longer than 30 minutes. Snack every time you drink.
- 4. For every hour hiking in the canyon, drink one-half to one quart/liter of water.
- 5. Rest often: sit down, prop your legs up, and take a 5- to 10-minute break once every hour.

Gear

- Dress warmly in layered clothing for snow, rain, sun, wind, heat, and cold.
- Wear and bring sunscreen. Re-apply regularly.
- · Wear a hat that covers your ears and carry a headlamp to use in the dark.
- · Bring food, water, a map, first aid kit, and any medicine you may need.
- Use over-the-shoe traction devices and hiking poles to assist you in snowy or icy conditions.

Plan for the Unexpected

During winter, be aware of potential emergency situations such as Hypothermia, a life-threatening emergency where the body cannot keep itself warm due to exhaustion and exposure to cold, wet, and windy weather.

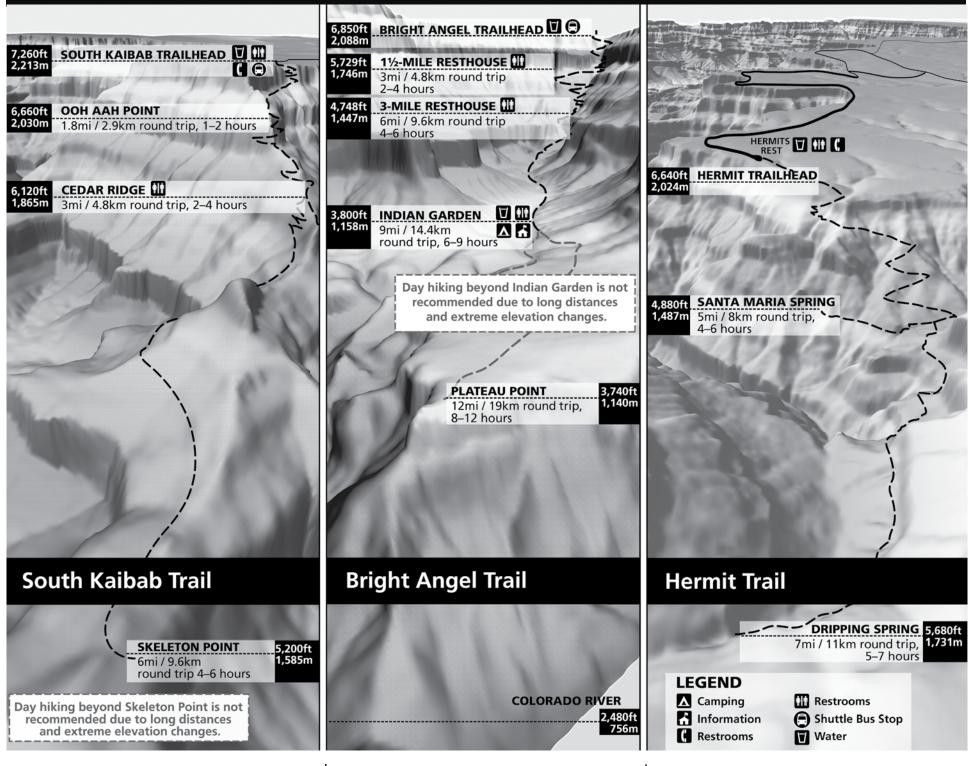
- Symptoms: uncontrolled shivering, poor muscle control, and a careless attitude.
- Treatment: Put on dry clothing, drink warm liquids, and protect yourself from wind, rain, snow, and cold.

Pick your Hike

Now that you know more, use the maps on page 13 to choose a safe hike that best fits your abilities and available time. Plan on taking twice as long to hike up as it took to hike down.

Remember:

- Hiking to the river and back in one day is dangerous and never recommended due to icy trails, long distances, and a near 5,000 foot (1,524 m) one-way elevation change!
- Persons wishing to take a service dog below the rim must check in first at the Backcountry Information Center.
- · Colorado River is fast, wide, and cold (55°F / 13°C). Do not swim in the river.
- · Rocks tossed over or dislodged by taking shortcuts can injure hikers below.
- · A permit is required to camp in the backcountry. Stop by the **Backcountry Information Center** to obtain a permit. Open daily 8:00 a.m. to noon and 1:00-5:00 p.m. Visit www.nps.gov/grca/planyourvisit/ backcountry.htm for information.



This trail begins almost a mile (1.6 km) south of Yaki Point; you must ride the free Kaibab/Rim Route shuttle bus to the South Kaibab Trailhead stop. Water is available at the trailhead, but not along the trail. Check at National Park Service visitor centers or the Backcountry Information Center for weather and trail conditions. Trail descends a north-facing wall that can accumulate snow and ice, becoming very treacherous. This trail follows an exposed ridge line and offers the best views for a relatively short hike.

The most popular trail into Grand Canyon begins west of Bright Angel Lodge. Check at National Park Service visitor centers or the Backcountry Information Center for weather and trail conditions. Emergency phones are located at 1 1/2-Mile Resthouse, 3-Mile Resthouse, and Indian Garden. Water is available at the trailhead and Indian Garden. Trail descends a north-facing wall that can accumulate snow and ice, becoming very treacherous. The upper portion drops down Garden Creek Canyon.

This rough, un-maintained trail starts 500 feet (150 m) west of Hermits Rest. Recommended for experienced desert hikers only. Hiking boots recommended. Check at National Park Service visitor centers or the Backcountry Information Center for weather, trail, and road conditions. Water available at Hermits Rest. Water from springs must be treated. Hermit Trail gives intimate views of a long side canyon as it descends westerly; it may have less ice and snow than the South Kaibab and Bright Angel trails.

Visitor Services

Locations and Hours for All Your Needs



Food and Beverage 🔁 Park Lodging

The Arizona Room (Seasonal)

Outside Bright Angel Lodge; no reservations Dinner and Lounge: 4:30 p.m.-10:00 p.m. Closed Jan 2 to Feb 16; beginning Feb 17 open only Fridays and Saturdays.

Bright Angel Coffee House

In Bright Angel Lodge 6:00 a.m.-10:00 a.m.

Bright Angel Fountain (Seasonal)

Rim side of Bright Angel Lodge Hours vary seasonally; open weather permitting Dec 25 to Jan 2; starting Feb 18 weekends only.

Bright Angel Restaurant

In Bright Angel Lodge Breakfast: 6:30 a.m.-10:45 a.m. Lunch: 11:15 a.m.–4:00 p.m. Dinner: 4:30 p.m.-10:00 p.m. Lounge: 11:00 a.m.-11:00 p.m.

Canyon Village Deli

In Canyon Village Market 8:00 a.m.-6:00 p.m.; closed Dec 25

El Tovar Dining Room

In El Tovar Hotel Breakfast: 6:30 a.m.-11:00 a.m. Lunch: 11:30 a.m.-2:00 p.m. Dinner: 5:00 p.m.–10:00 p.m.; reservations required: (928) 638-2631, ext 6432 Lounge: 11:00 a.m.-11:00 p.m.

Maswik Cafeteria

In Maswik Lodge 6:00 a.m.-10:00 p.m.

Maswik Pizza Pub

In Maswik Lodge 11:00 a.m.-11:00 p.m.

Yavapai Cafeteria (Seasonal)

In Yavapai Lodge Closed Dec 1 to Dec 22; re-opens Dec 23, 6:30 a.m.-8:00 p.m.; closes Jan 1 at 11:00 a.m. Re-opens Feb 17 at 3:00 p.m.

Desert View Snackbar

In Desert View Trading Post 9:00 a.m.-5:00 p.m.

Hermits Rest Snack Bar

9:00 a.m.-5:00 p.m.



South Rim

For same-day reservations call (928) 638-2631. For advance reservations call (888) 297-2757 or visit www.grandcanyonlodges.com Prices subject to change.

Bright Angel Lodge	\$70-178
El Tovar Hotel	\$178-426
Kachina Lodge	\$173-184
Thunderbird Lodge	\$173-184
Maswik Lodge	\$92-173
Yavapai Lodge	\$114–163

Phantom Ranch

Dormitory and cabin space located at the bottom of the canyon. Advance reservations required. Call (888) 297-2757 or inquire at Transportation desks in Bright Angel, Maswik, or Yavapai lodges.

North Rim

Grand Canyon Lodge (Closed)

Closed for season; opens mid-May 2012. Located 5 hours (215 miles, 346 km) from Grand Canyon Village. For reservations call (877) 386-4383 or visit www.foreverresorts.com

Tusayan, AZ Lodging

Best Western Grand Canyon Squire Inn (800) 937-8376 or (928) 638-2681

Canyon Plaza Resort

(800) 995-2521 or (928) 638-2673

Grand Hotel

(888) 634-7263 or (928) 638-3333

Holiday Inn Express

(888) 473-2269 or (928) 638-3000

Red Feather Lodge

(866) 561-2425 or (928) 638-2414

7 Mile Lodge

(928) 638-2291

Medical

24-Hour Emergency Care **Dial 911**

From hotel rooms dial 9-911

North Country Grand Canyon Clinic

Monday to Friday, 8:00 a.m.-5:00 p.m. (928) 638-2551

Camping

Mather Campground

Operated by the National Park Service. No hook-ups; dump station available. Maximum vehicle length: 30 feet (9.1 m). Campsites: \$18 per night. Sites are self-serve during winter. Check in at the campground entrance. Make reservations at (877) 444-6777 or www.recreation.gov for stays starting March 1, 2012.

Trailer Village

Operated by Xanterra Parks & Resorts. Pull-through sites with hook-ups. \$34.50 per night for two people; \$3.00 for each additional person over age 16. Register at Trailer Village entrance. Advance reservations: (888) 297-2757 or www.grandcanyonlodges.com Same-day reservations: (928) 638-2631.

Desert View Campground (Closed)

Operated by the National Park Service. Located 25 miles (40 km) east of Grand Canyon Village. Closed for the season; opens mid-May 2012.

In the Backcountry

To camp anywhere other than Mather Campground, Trailer Village, or Desert View Campground, you must obtain a permit from the Backcountry Information Center. Open daily 8:00 a.m. to noon and 1:00-5:00 p.m. or call (928) 638-7875 from 1:00-5:00 p.m., Monday to Friday.

Outside the Park

Camper Village

Commercial campground located one mile (1.6 km) south of park entrance in Tusayan. Hookups, coin-operated showers, laundry, propane, dump station, and store available year round. Call (928) 638-2887 or visit www.grandcanyoncampervillage.com

Ten-X Campground (Closed)

Operated by Kaibab National Forest. Closed for the season; opens May 1, 2012. For information call (928) 638-2443. Some individual and all group sites available by reservation: (877) 444-6777 or www.recreation.gov

Kaibab National Forest

Contact the Kaibab Ranger Station for dispersed camping options. For more information call (928) 638-2443, Monday to Friday, 8:00 a.m.-4:30 p.m.

Services

Groceries

Canyon Village Market

Through Jan 29: 8:00 a.m.-7:00 p.m. Closed Dec 25 Beginning Jan 30: 8:00 a.m.-8:00 p.m.

Desert View Market

9:00 a.m.-5:00 p.m. Closed Dec 25



Chase Bank and ATM

At Market Plaza. 24-hour ATM. Monday-Thursday: 9:00 a.m.-5:00 p.m. Friday: 9:00 a.m.-6:00 p.m. (928) 638-2437 ATM also in Maswik Lodge lobby.



Child Day Care

Kaibab Learning Center offers day care for one to 12 year olds on a space available basis. Immunization records must be provided. Monday-Friday: 7:30 a.m. – 5:30 p.m. (928) 638-6333



Garage Services

Located east of the train depot at east end of Xanterra General Offices. Open daily: 8:00 a.m. to noon and 1:00-5:00 p.m. Provides basic emergency repairs and tow service to Williams or Flagstaff. (928) 638-2631



Laundry and Showers

Located at Camper Services at Mather Campground entrance. 8:00 a.m.-6:00 p.m. Last laundry load 4:45 p.m.



Lost and Found

For items lost or found in hotels, restaurants, or gift shops, call (928) 638-2631. For all other items call (928) 638-7798 and (928) 638-2631.



Post Office

Located at Market Plaza. Monday-Friday: 9:00 a.m.-4:30 p.m. Saturday: 11:00 a.m.-1:00 p.m. (928) 638-2512

Transportation

Arizona Shuttle

Service between Flagstaff, Grand Canyon, Phoenix, Tucson, and other locations. (877) 226-8060 or (928) 226-8060 www.arizonashuttle.com

Flagstaff Shuttle and Charter

Service between Flagstaff and Grand Canyon, as well as between the North and South rims. (888) 215-3105

Transcanvon Shuttle (Closed for season)

Service between the North and South rims from May 15 to October 15. Reservations required. (928) 638-2820 www.trans-canyonshuttle.com

Grand Canyon Railway

Service between Williams and Grand Canyon. (800) THE-TRAIN www.thetrain.com

Local Taxi Service

Daily, 24-hour service to Grand Canyon Airport, trailheads, and other destinations. (928) 638-2822

Arizona Highway Information

511 or (888) 411-ROAD www.az511.gov

Religious Services

Religious services are offered in the park and the nearby community. Current schedules are posted at Mather Campground (near the check-in station), Shrine of the Ages, the information kiosk near the post office, and Park Headquarters.

Church of Jesus Christ of Latter-day

Tim Ahlmer, Branch President (623) 293-8271

El Cristo Rey Roman Catholic

Rev. Michael Accinni-Reinhardt (928) 638-2390

Grand Canyon Assembly of God

Tim Schaeffer, Pastor (928) 499-9840

Grand Canyon Baptist Church

Rick Wiles, Pastor (928) 638-0757

Grand Canyon Community Church

Patrick Dotson, Pastor (928) 638-2340

Jewish Services and Programs

Rabbi Nina Perlmutter (928) 777-8172

Books and Gifts

Village Area

Books & More near **Grand Canyon Visitor Center** 8:00 a.m.-6:00 p.m.

Bright Angel Lodge

7:00 a.m.-10:00 p.m.

El Tovar Hotel

7:00 a.m.-10:00 p.m.

Hopi House

9:00 a.m.-5:00 p.m.

Kolb Studio

8:00 a.m.-6:00 p.m.

Lookout Studio

9:00 a.m.-5:00 p.m.

Maswik Lodge

7:00 a.m.-10:00 p.m.

Verkamp's Visitor Center

8:00 a.m.-6:00 p.m.

Yavapai Geology Museum

8:00 a.m.-6:00 p.m.

Yavapai Lodge Curio

9:00 a.m.-5:00 p.m.

Desert View Area

Desert View Trading Post

9:00 a.m.-5:00 p.m.

Desert View Visitor Center

9:00 a.m.-5:00 p.m.

Desert View Watchtower

9:00 a.m.-5:00 p.m. Watchtower stairs close at 4:30 p.m.

Tusayan Museum

9:00 a.m.-5:00 p.m.

Hermits Rest Area

Hermits Rest

9:00 a.m.-5:00 p.m.

Learn More!

Environmental Education

Teachers: Class Trips and Workshops

(928) 638-7931

www.nps.gov/grca/forteachers/

Expeditions for Teens

www.nps.gov/grca/forkids/camp.htm

Expeditions with Grand Canyon Youth www.gcyouth.org

Grand Canyon Field Institute (GCFI)

Hiking, Backpacking, and More!

Offers a wide variety of educational classes throughout the park. For more information call (866) 471-4435 or visit www.grandcanyon.org/fieldinstitute

Community Library

Monday to Saturday: 10:30 a.m.-5:00 p.m. Public access computers and Wifi available. Located next to the Village East shuttle bus



Cell Phone Tour

Wherever you see a cell phone tour sign, dial (928) 225-2907 and enter the indicated stop number. Enjoy a twominute interpretive park ranger talk at 30 locations throughout the park. There is no additional charge; standard rates apply.



Park Headquarters offers public computer access 8:00 a.m.-4:30 p.m., Monday to Friday except federal holidays. Wifi available 8:00 a.m. to 5:00 p.m. every day.

Paid Tours and Activities

Transportation Desks

Information about mule trips, Phantom Ranch facilities, motorcoach tours (including wheelchair-accessible tours), and air tours is available in the lobbies of Maswik, Bright Angel, and Yavapai lodges. (928) 638-2631, ext. 6015. www.grandcanyonlodges.com

Mule Trips: Two- and three-day trips to Phantom Ranch depart each morning. A 3-hour forest ride to The Abyss overlook departs once daily.

Bus Tours: Tours to Desert View and Hermits Rest; sunrise and sunset tours available daily.

Air Tours: Fixed-wing and helicopter tours originate daily from Grand Canyon Airport, located outside the park in Tusayan. (928) 638-2446

See www.nps.gov/grca for information about smooth-water day trips, multi-day whitewater raft trips and other tour options.

IMAX Theater

Located in Tusayan, the movie is shown every hour on the half hour. 10:00 a.m.-8:00 p.m. Last showing at 6:30 p.m. (928) 638-4629

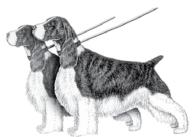
Pets Must Be Leashed at All Times

Leashed pets are allowed on rim trails throughout the developed areas of the South Rim, but not below the rim. The only exception is service animals. Persons wishing to take a service animal below the rim must check in first at the Backcountry Information Center.



Kennels

Daily: 7:30 a.m.-5:00 p.m. (928) 638-0534 For retrieval after 5:00 p.m., contact Fire and Safety: (928) 638-2631



Additional Resources

Grand Canyon Chamber of Commerce

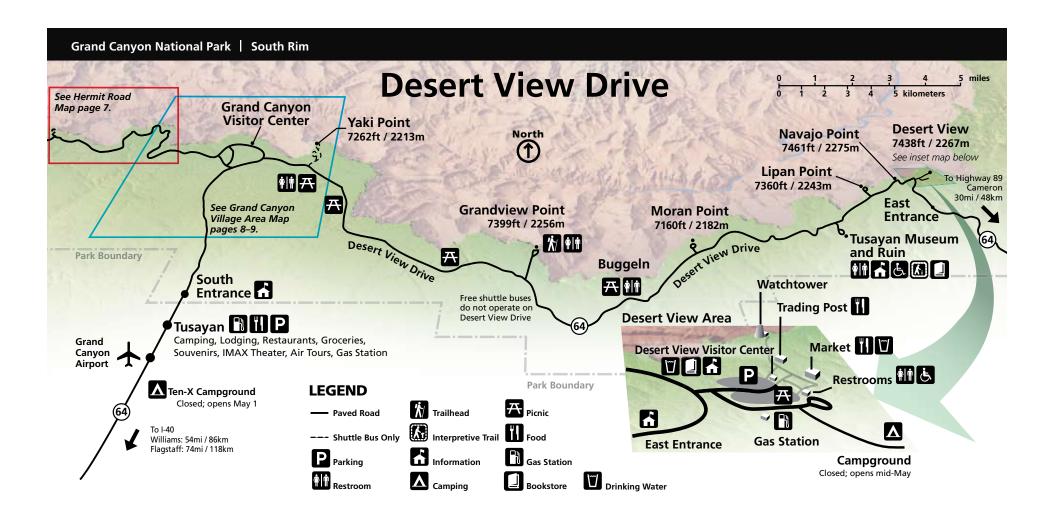
Provides information about Tusayan and local businesses. (888) 472-2696 or (928) 638-2901 www.grandcanyonchamber.com

Kaibab National Forest

Tusayan Ranger District (928) 638-2443

News and Weather

KNAU: Radio FM 90.3



Inspiring Landscapes

Have you ever experienced a sight that took your breath away? Can you close your eyes and recall a place in vivid detail though you are no longer there? The Grand Canyon is such a place for many of us—today as we stand on the rim and tomorrow as our life's journeys continue.

The scenic Grand Canyon landscape has inspired a diverse group of people for hundreds of years, such as Thomas Moran.

His paintings first introduced the beauty of Grand Canyon to Americans in the late 1800s. Moran Point along Desert View Drive honors his artistic legacy.

Take time to explore and experience this magnificent environment. Keep in mind that the National Park Service, with your help, will preserve and protect it for future generations. May this enduring landscape create precious memories that remain in your heart forever.



Explore Desert View Drive

Experience the ever-changing seasons of Grand Canyon with an excursion along Desert View Drive. Take some time to investigate the many breathtaking overlooks and pullouts. Observe how a more natural landscape has been restored through managed fires along the drive.

The Watchtower: Mary Colter gained inspiration through her travels in the Southwest for this impressive building reminiscent of ancient cultures' architecture. Climb the 85 steps for a 360 degree view. Pick up a free brochure at Desert View Visitor Center to learn more.

Navajo and Lipan Points: Look across the canyon and toward the river to see the tilted layers of the Supergroup. These rocks are only visible from a few areas along the South Rim and tell an interesting geologic story.

Moran Point: Look a mere eight miles (12.9 km) across the canyon to Cape Royal on the North Rim. Glimpse the mighty Colorado River as it continues to aid in carving the Grand Canyon.

Grandview Point: This popular viewpoint offers panoramic views of Grand Canyon from east to west and offers a chance to learn about the area's mining history.

Services

Desert View Visitor Center: 9:00 a.m.–5:00 p.m. **Gas Station:** Available 24 hours with credit card.

Desert View Market: 9:00 a.m.–5:00 p.m. Closed December 25

Trading Post Gift Shop: 9:00 a.m.-5:00 p.m. Watchtower Gift Shop: 9:00 a.m.-5:00 p.m.

Watchtower Stairs: 9:00 a.m.–4:30 p.m.

Desert View Campground: Closed; reopens mid-May

Tusayan Museum and Ruin: 9:00 a.m.-5:00 p.m.

National Park Service U.S. Department of the Interior Grand Canyon National Park

Post Office Box 129, Grand Canyon, AZ 86023 (928) 638-7888 www.nps.gov/grca/

Twitter: @GrandCanyonNPS Flickr: www.flickr.com/grand_canyon_nps/YouTube: www.youtube.com/grandcanyonnps/

The Guide is published by Grand Canyon National Park, supported by your user fees.

Experience Your America